

HP Color LaserJet 3600 series printer

3600n • 3600dn



Using the power of color, small businesses can create marketing collateral quickly and easily and get amazing print quality right out of the box—see vibrant color, crisp blacks, and realistic images every time you click Print.



See results with vibrant color

- **Print high-quality marketing materials in color—and in the office.** Get brilliant color output with new HP ColorSphere toner and HP glossy papers, and make your brochures, proposals, and presentations stand out above the rest.
- **Achieve brilliant results.** New HP ColorSphere toner works with the printer to deliver high gloss, which makes colors brighter, increases color range, and offers intense color and subtle transitions for realistic images. For optimal results, use HP papers with five-layer coating technology.
- **Print with confidence.** The sophisticated engine includes intelligent color calibration that works with HP Smart printing technology¹ in HP cartridges to make automatic adjustments that enhance print quality and consistency.

Color made easy

- **Relax—this printer is designed for ease of use.** From installation to daily use, the printer eases your workload. Install the printer software in just a few simple clicks. A media type sensor simplifies printing by automatically selecting the optimal print setting for each paper type.
- **Depend on simple interactions.** There are only four print cartridges to manage, and the cartridge, HP ColorSphere toner, and imaging drum are integrated into one supply, resulting in a refresh of the entire image system when you replace a cartridge and ensuring consistent print quality. Integrated supplies also allow you to replace cartridges without worrying about messy toner spills.
- **Simplify management.** Print cartridges are preinstalled in new printers, and convenient access points in the printer make cartridge replacement effortless. With HP SureSupply^{TM2} reordering is a snap.
- **Manage your HP printers and their supplies.** HP Easy Printer Care³ software saves time with consolidated management—monitor the status of up to 15 HP printers and supplies, generate basic usage reports, and order supplies with the click of a button. Plus, HP backs you with support tools, including HP Instant Support and HP Software Update.

Small office color performance

- **Work more productively.** With fast color and black-and-white speeds up to 17 pages per minute (ppm) and a quick first page out with Instant-on Technology, your documents are ready and waiting by the time you walk to the printer. The printer calibrates intelligently to balance performance and the best print quality.
- **Save space—this work team color laser fits on the desktop.** Experience fast, reliable performance in a small package—your users will appreciate the speed and color capabilities of this space-saving device.
- **Meet your work team's needs with flexible paper handling.** An optional 500-sheet input tray provides an input capacity of up to 850 sheets, reducing user interaction. The printer accommodates a wide range of paper sizes, types, and weights, and the automatic two-sided printing unit lets you print more while conserving paper resources (automatic two-sided printing is available with the HP Color LaserJet 3600dn printer only).⁴
- **Use the combined power of the computer and printer to process all your documents.** The HP Color LaserJet 3600 series printer uses host-based technology, which means that it relies on the power of your computer to process print jobs before sending them to the printer. The printer is ideal for small work teams working with one of the supported Windows® and Macintosh operating systems, that do not require support for PostScript® printing.

HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, and accessories are designed together to work together and are invented to meet or exceed your business needs.

¹ Using genuine HP supplies ensures availability of all HP printing features.

² For more information, visit www.hp.com/go/SureSupply.

³ For more information, visit www.hp.com/go/easyprintercare.

⁴ Standard and available features vary according to model. For more information, see "Series at a glance" on page 2.



HP Color LaserJet 3600 series printer

- 1 Intuitive, two-line display with a built-in help function
- 2 250-sheet top output bin with long paper extension
- 3 One-door access to the preinstalled, easy-to-replace print cartridges
- 4 100-sheet multipurpose tray enables automatic and manual feeding for specialty papers
- 5 250-sheet input tray for 350-sheet total standard input capacity
- 6 Built-in automatic two-sided printing
- 7 On/off switch
- 8 USB Hi Speed port provides simple connections
- 9 128 MB SDRAM memory and a powerful 360 MHz processor
- 10 HP Jetdirect Fast Ethernet embedded print server for easy network sharing

HP Color LaserJet 3600dn shown



Series at a glance



HP Color LaserJet 3600n printer

- 100-sheet multipurpose tray and 250-sheet input tray for a total of 350-sheet input capacity
- 64 MB RAM (not upgradeable)
- HP Jetdirect Fast Ethernet embedded print server



HP Color LaserJet 3600dn printer

3600n model, plus:

- Additional 64 MB RAM for a total of 128 MB RAM
- Built-in automatic two-sided printing

Promote your business—simply and effectively.



Vivid color and powerful performance

If you want brilliant print quality that exceeds your expectations every time you print, but you don't want to make a lot of adjustments or sacrifice fast printing speed, then the HP Color LaserJet 3600 series printer is just what you've been looking for.

Building on 20 years of laser experience, HP improves its award-winning color laser printing products with every generation. HP's out-of-the-box color laser print quality leads the industry. Without bothering with printer settings, you'll get great results each time you click **Print**. And because performance and print quality work hand-in-hand with this printer, you'll enjoy fast printing speeds that won't slow you down.

In-house color marketing

Print short-run color collateral in-house, quickly and affordably. When you print materials in-house, you have control over the process: you ensure that printing is effective, efficient, and affordable, and that any private company information stays safe. Printing frequently updated materials on-demand means that you can make changes at a moments notice and never waste printed material due to obsolete information. You also save the time and cost of inventory management.

Plus, in-house marketing is easy with HP Marketing Assistant Software. With professionally designed templates, step-by-step instructions, and an online portal with tips, success stories, and training classes, you'll be whipping up dazzling documents in no time.⁵

Companies ranging from small to large report that HP's affordable, best-in-class color solutions deliver money to their bottom line. Some ways, such as improving your image and adding impact to marketing publications, are indirect, while others are direct and measurable, such as productivity gains and tangible cost savings with in-house color printing.

Award-winning HP support

HP's expert knowledge will help you make the most of your printer and ensure your equipment is running at peak efficiency. Start with a one-year, next day, on-site, limited hardware warranty, backed by free telephone and Web support from the award-winning HP Customer Care (warranty and availability vary according to region). To further guarantee trouble-free operation, upgrade with service and support options such as installation, network configuration, and extended warranty support.

New HP ColorSphere toner

Your prints will shine with uniform gloss and a dynamic range of color. The new HP ColorSphere toner features gloss levels that are significantly improved over previous HP color toners when printing on glossy paper. Improved melting and fusing technologies work in sync with the new HP ColorSphere toner to enable superior toner release and flow. The result is brilliant, intense colors and excellent photo quality output for your business documents.

HP's new color toner enables a wider range of colors because each toner particle conforms to an extremely consistent size and shape. This consistency allows toner particles to be placed on the page with the precision needed to produce a wide range of colors with the most subtle differences of shade.

HP ColorSphere toner is also designed to enable faster printing time. The toner particles are chemically grown around an optimally sized wax core, producing particle sizes that are designed to work with HP's fusing technology for faster printing without sacrificing quality.

HP printer management tools

Who says you can't do it all? With a little help, HP knows you can. HP makes printer management and supplies reordering trouble-free.

- View printer and supplies status, perform simple troubleshooting, and manage printing functions for an individual printer from your computer, rather than the printer control panel or through the print driver **Services** tab (for end users).
- Manage groups of printers from a single access point. For IT professionals, HP Web Jetadmin helps you install, configure, and remotely manage all of your network peripherals through a simple Web interface. For end users and office managers, HP Easy Printer Care Software helps you manage up to 15 HP printers from your computer to keep them running at their best.

⁵ North America only. A 90-day trial version ships with the printer; the software is available in retail stores and for download at www.hp.com.

HP Color LaserJet 3600 series printer

Technical specifications

HP Color LaserJet 3600n printer (Q5987A)

HP Color LaserJet 3600dn printer (Q5988A)

Print speed⁶	Up to 17 ppm
First page out	Less than 14 seconds
Image enhancement, resolution	HP ImageREt 3600, 600 by 600 dpi
Processor	360 MHz Fujitsu FR555 FRV
Memory, standard	64 MB SDRAM (not customer upgradeable)
Memory, maximum	64 MB SDRAM
Recommended monthly volume	1,000 to 3,000 pages
Maximum monthly duty cycle	50,000 pages
Paper	
Input	100-sheet multipurpose tray and 250-sheet tray 2 for a total of 350 sheets, optional 500-sheet tray 3
Output	250-sheet top output bin
Duplex printing	Manual two-sided printing
Sizes	Multipurpose tray: 3 by 5 to 8.5 by 14 in (76 by 127 to 216 by 356 mm); letter, legal, executive, envelopes; Tray 2 and optional tray 3: letter, legal, executive; automatic two-sided printing: letter, legal
Weights	Multipurpose tray: 16 to 42 lb bond (60 to 160 g/m ²) Automatic two-sided printing unit, 250-sheet and 500-sheet input trays: 16 to 32 lb bond (60 to 120 g/m ²)
Types	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, tough, color, gloss, rough), transparencies, labels, envelopes, cardstock, user-defined
Connectivity	
Interfaces	USB 2.0 Hi-Speed port
Network connectivity	HP Jetdirect Fast Ethernet embedded print server, optional 802.11b/g Wireless LAN and other networking accessories Note: Networking accessories must be added via an external unit
Languages	HP JetReady 4.2 (for HP postscript emulation printing HP recommends the HP Color LaserJet 3800 series printer)
Fonts	Not applicable (Based on installed typefaces on host computer. Print engine only has fonts for internal pages and ASCII.)
Client operating systems	Microsoft Windows® 98, Me, 2000, XP Home, XP Professional, Server 2003; Mac OS X version 10.2, 10.3 and 10.4
Network operating systems ⁸	Via HP Jetdirect print servers: Microsoft Windows 95, 98, Me, 2000, XP Home, XP Professional, Server 2003; Mac OS X version 10.2, 10.3 and 10.4; Red Hat Linux® 6.x and later
Network protocols supported ⁸	Via HP Jetdirect print servers: DHCP, Auto IP, BOOTP, SLP, WINS, RARP, Telnet, TFTP, TCP/IPv4, UDP, LPD, Port9100, SNMP v1, DNS, CUPS/Linux
Dimensions (w by d by h)	15.7 by 17.7 by 15.7 in (400 by 450 by 400 mm)
Weight (includes print cartridge)	59.6 lb (27.1 kg)
What's in the box	HP Color LaserJet 3600n printer, 100-sheet multipurpose tray, 250-sheet tray, power cable, driver and documentation CD, in-box documentation (Getting Started Guide), preinstalled, full-capacity 6,000-page black and 4,000-page cyan, magenta, and yellow HP Color LaserJet print cartridges with HP ColorSphere Toner ⁹ , HP Jetdirect Fast Ethernet embedded print server

Environmental ranges

Operating temperature	Operating: 50 to 81 degrees F (10 to 27 degrees C) Recommended: 63 to 77 degrees F (17 to 25 degrees C)
Relative humidity	Storage: 32 to 95 degrees F (0 to 35 degrees C) Operating: 10 to 70 percent Recommended: 20 to 60 percent
Altitude	Non-operating: 10 to 90 percent 0 to 8530 ft (0 to 2600 m)
Acoustics¹⁰	Power: active: 6.9 B(A); Ready: 5.3 B(A) Pressure (bystander): active: 55 dB(A), standby: 39 dB(A)
Required input voltage	110 to 127 V (±10 percent), 50/60 Hz (±2 Hz) 220 to 240 V (±10 percent), 50/60 Hz (±2 Hz)

Power consumption¹⁰

Active	335 watts
Ready	48 watts
Sleep	15 watts
Off	0.5 watts

Typical Electricity Consumption (TEC): 3,601 kWh/Week

ENERGY STAR® qualified models; see: <http://www.hp.com/go/energystar>

Power certifications

EMC: CISPR 22: 1993/EN 55022: 1994 Class B, EN 61000-3-2: 2000, EN 61000-3-3: 1995, EN 55024: 1998, FCC Title 47 CFR, Part 15 Class B (US), ICES-003, Issue 4 (Canada), GB9254-1998, other EMC approvals as required by individual countries
Safety: IEC 60950-1 (International), IEC 60825-1, UL/cUL Listed (US/Canada), EN 60825-1 Class 1, 21 CFR Ch. 1/SubCh. J (Class 1 Laser/LED Device)
GB4943-2001, other safety approvals as required by individual countries.

Warranty
One-year, next day, on-site limited hardware warranty with phone and e-mail support

HP SureSupply enabled
To learn more, please visit www.hp.com/go/SureSupply

⁶Exact speed varies depending on the system configuration, software application, driver, and document complexity.

⁷For optimum results, HP recommends the use of HP media designed for HP Color LaserJet printers between the weights of 75 g/m² to 120 g/m². For lighter weight or heavier weight paper (60 g/m² to 74 g/m² and 121 to 220 g/m²), paper jam rate and optimal print quality performance may be impacted. Use the correct driver and tray settings for best results. Test all paper before purchasing large volumes.

⁸Not all protocol and operating system combinations are supported. For more information, go to: www.hp.com/support/net_printing.

⁹All print cartridge page yields are based on five percent page coverage.

¹⁰Values subject to change. See www.hp.com/support/clj3600 for current information. Power reported is the highest value measured using all standard voltages.



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Ordering information

Product	Number
HP Color LaserJet 3600n printer	Q5987A
HP Color LaserJet 3600dn printer	Q5988A
Accessories	
HP Jetdirect en1700 USB 2.0 Print Server	J7988G
HP Jetdirect 175x Fast Ethernet external print server (USB)	J6035G
HP Jetdirect en3700 Fast Ethernet external print server (USB Hi Speed)	J7942G
HP Jetdirect ew2400 802.11g Wireless and Fast Ethernet external print server (USB Hi Speed)	J7951G
500-sheet paper input feeder and tray	Q5985A
HP Color LaserJet Print Cartridges with HP ColorSphere Toner⁹	
Black Print Cartridge (6,000 pages)	Q6470A
Cyan Print Cartridge (4,000 pages)	Q6471A
Yellow Print Cartridge (4,000 pages)	Q6472A
Magenta Print Cartridge (4,000 pages)	Q6473A
Cables	
USB Hi-speed printer cable (2-meter [6.5-foot] standard)	C6518A
Service and support	
On-site installation and network configuration	H3110E
3-year, next day onsite	U8037E
3-year, 9x5 same day on-site	U8054E
3-year, 13x5 same day on-site	U8038E
Paper	
North America: www.hp.com/go/everydaypapers USA: 1-800-477-5010,	
Printer software	
HP Easy Printer Care Software: www.hp.com/go/easyprintercare HP Install Network Printer Wizard: www.hp.com/go/inpw_sw	
Third-party solutions	
www.hp.com/go/gsc	

